

Title (en)
SLIDING VISOR

Title (de)
SCHIEBEVISIER

Title (fr)
PARE-SOLEIL COULISSANT

Publication
EP 3765321 A4 20211117 (EN)

Application
EP 19768674 A 20190131

Priority
• US 201815919357 A 20180313
• US 2019016023 W 20190131

Abstract (en)
[origin: US2019283553A1] A sliding sun visor for use in a vehicle is disclosed. The sun visor includes a first and second visor body shell. The visor also comprises a pivot rod and a carrier slidably arranged over the pivot rod. The first shell of the visor body includes a monorail arranged on an inside surface thereof. The carrier is slidably engaged with the first shell wherein the carrier is arranged within or on the monorail. The carrier contacts a top portion of the monorail and a bottom portion of the monorail. The carrier is hence slidably secured to the monorail and only connected to one of the shells used to engage to form a visor body. The visor bodies are secured via a press fit between a first boss arranged on a first shell and a second boss arranged on the second shell thus creating a secure connection that does not need screws to secure the visor halves to one another.

IPC 8 full level
B60J 3/02 (2006.01)

CPC (source: EP US)
B60J 3/023 (2013.01 - US); **B60J 3/0239** (2013.01 - EP US); **B60J 3/026** (2013.01 - US); **B60J 3/0278** (2013.01 - EP);
B60J 3/0282 (2013.01 - US)

Citation (search report)
• [XAYI] US 2011260492 A1 20111027 - OGAWA HIROTO [JP], et al
• [XAYI] US 2010013263 A1 20100121 - OKAZAKI YUTAKA [JP], et al
• [Y] US 2017174051 A1 20170622 - WELTER PATRICK [FR]
• [Y] WO 2007021829 A2 20070222 - JOHNSON CONTROLS TECH CO [US], et al
• See references of WO 2019177708A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
US 10688850 B2 20200623; US 2019283553 A1 20190919; CA 3091417 A1 20190919; CN 111867864 A 20201030; EP 3765321 A1 20210120;
EP 3765321 A4 20211117; MX 2020008942 A 20201015; US 11312211 B2 20220426; US 2020282810 A1 20200910;
WO 2019177708 A1 20190919

DOCDB simple family (application)
US 201815919357 A 20180313; CA 3091417 A 20190131; CN 201980018690 A 20190131; EP 19768674 A 20190131;
MX 2020008942 A 20190131; US 2019016023 W 20190131; US 202016876448 A 20200518